

Aqueous coating dispersions and their use

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Abstract of DE3903804

Aqueous coating dispersions are disclosed which consist of a polyurethane resin, pigments and other conventional auxiliaries and disclosed is the use of these coating dispersions as a basecoat for the production of multicoat systems in the paint-processing in particular for the coating of hard surfaces, and preferably for original finishes (OEM finishes). These coating dispersions are characterized by a specific polyester, which contains hydroxyl and carboxyl groups and which is used to prepare the polyurethane resin. Furthermore polyurethane resin is obtained as an aqueous dispersion by reacting said specific polyester with at least one diol and at least one isocyanate to give an intermediate product which contains terminal hydroxyl groups, then reacting this product with at least one polyisocyanate, transferring the polyurethane resin to a predominantly aqueous phase.